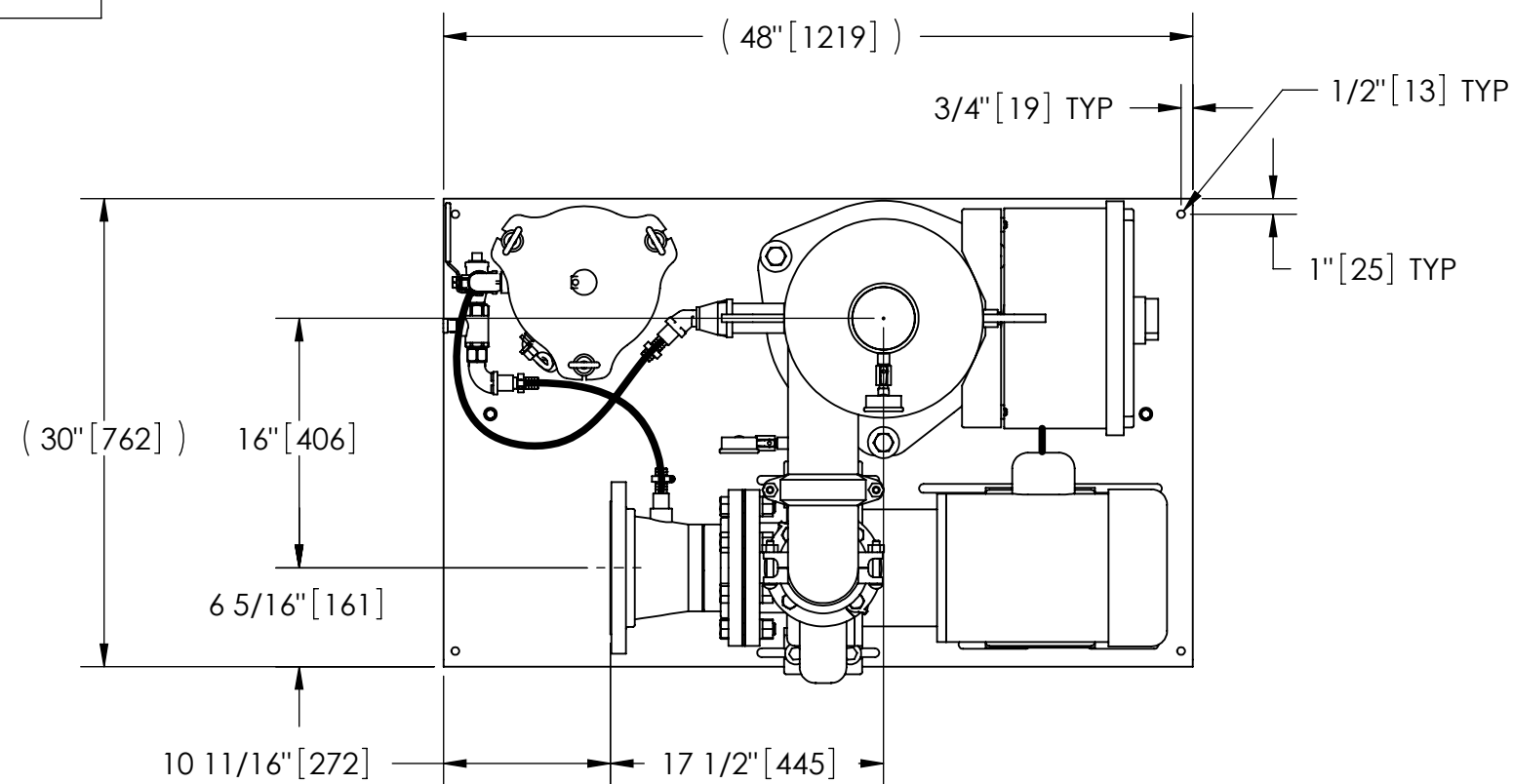


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO). PAPER COPIES ARE UNCONTROLLED.



TOP VIEW

NOTES:

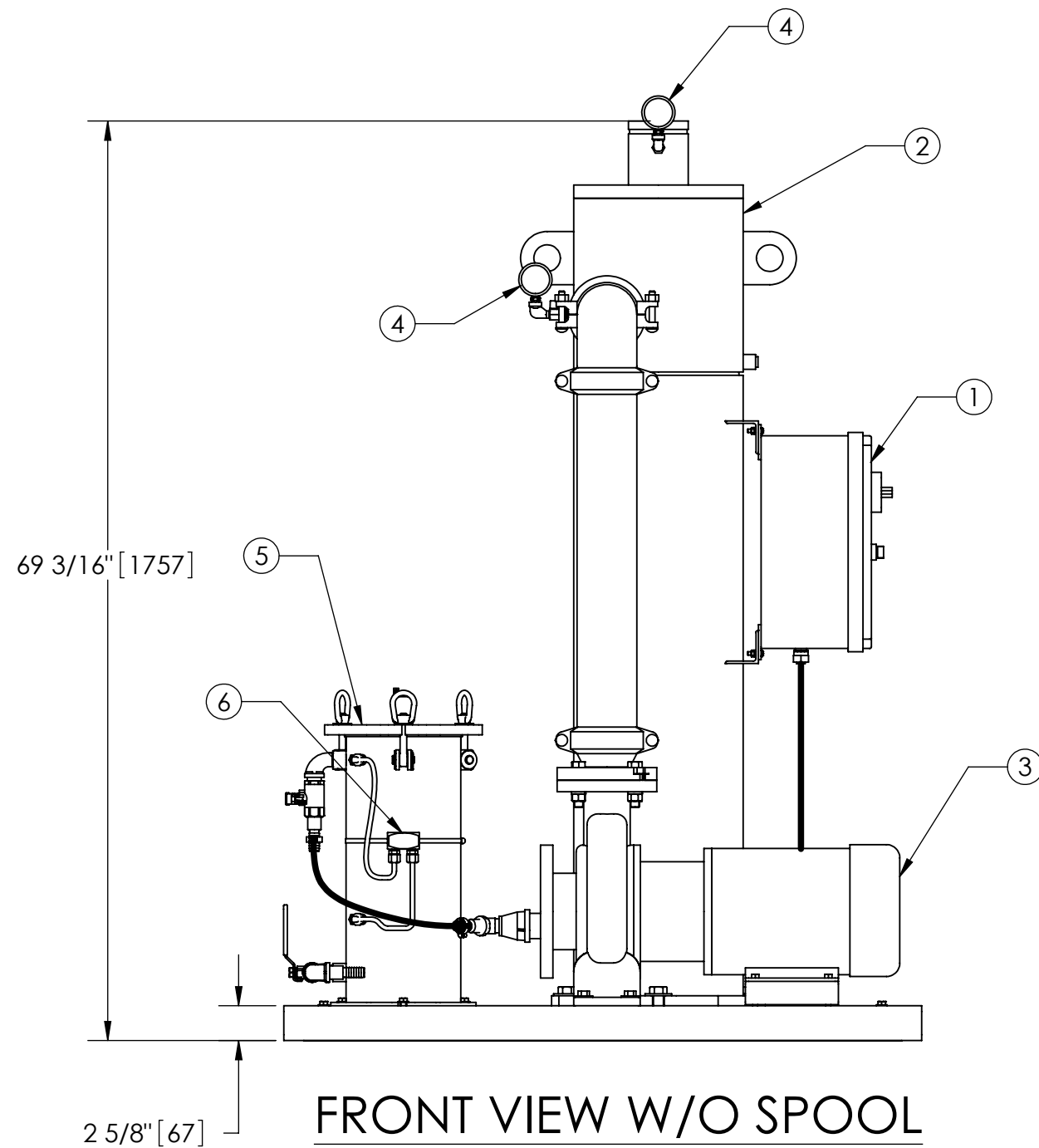
- INLET IS 6" PIPE (150# ANSI FLANGED).
- OUTLET IS 4" PIPE (GROOVED).
- PURGE OUTLET IS 1-1/2" PIPE.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM TEMPERATURE: 100°F (37.8°C).
- SPECIFIED FLOWRATE OF 400 gpm (91 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 460V, 3PH, 60Hz.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 965 lbs (437 kg).
- INLET/OUTLET VALVE KIT, MODEL TCV-0400 RECOMMENDED.
- MINIMUM PIPE TO TB SYSTEM IS 6" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST:

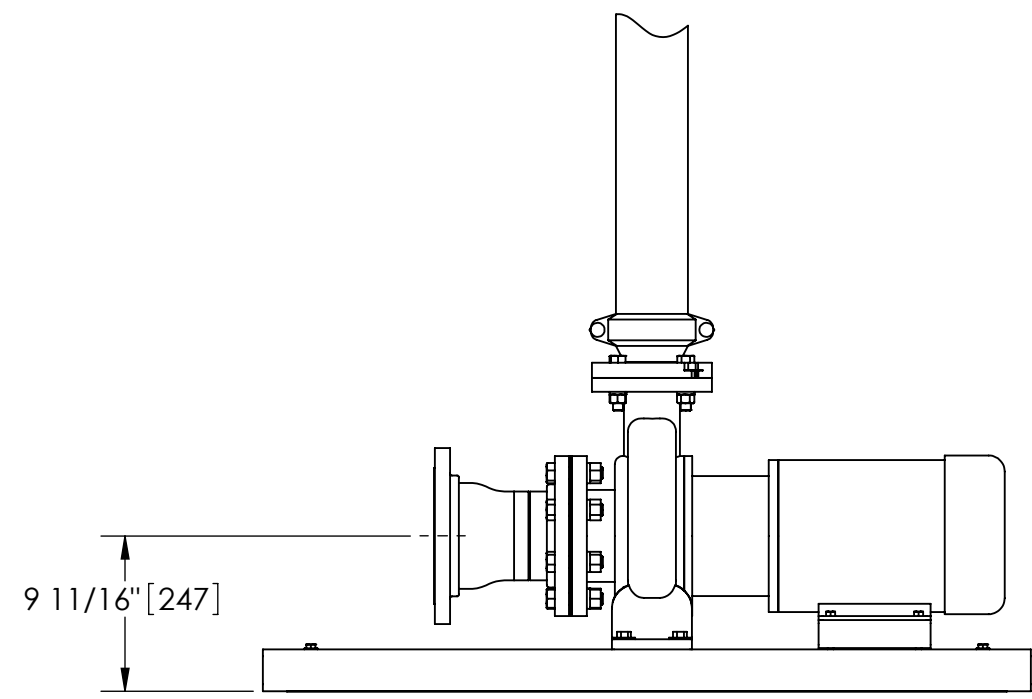
- ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- SEPARATOR: HTH-0285-TC.
- PUMP: 7.5 HP CENTRIFUGAL, 1750 rpm, 460V, 60Hz.
- INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: SRV-816.
- DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).

SUBMITTAL DRAWING

This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



FRONT VIEW W/O SPOOL



FRONT VIEW PUMP AND SPOOL

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/2" .XX ± .01 ± 1/4" .XXX ± .005 .XXXX ± .0005	ENGINEERED FOR: STANDARD		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
	APPROVALS	DATE		
DO NOT SCALE DRAWING	DRAWN GMB	5/16/05	TITLE TBI-0400-SRV, TC SYSTEM, SIDESTREAM HTH-0285, 460V 60HZ STD	
MATERIAL PER LAKOS SPEC	ENGR HSK	9/12/05	SIZE C	MODEL NO.
FINISH AS ASSEMBLED	MFG -	-	DWG NO. 115457	REV. A
	WORK ORDER	QTY.	SCALE 1:12	EST. WT. 965 lb
			SHEET 1 OF 1	

DWG. NO. 115457 SHEET 1 REV. A